Mountain Weather Forecast

Yorkshire Dales National Park

Forecast valid from 06:00 on Tuesday 12 Dec 2023 until 23:59 on Wednesday 13 Dec 2023

Forecast Issued on Tuesday 12 Dec 2023 at 02:44

Confidence: Generally high confidence for overall themes, but low for rain detail Tuesday afternoon.

Headline for Tuesday 12 Dec 2023: Cloudy with outbreaks of showery rain.

Mountain weather hazards on Tuesday 12 Dec 2023

Blizzards No Likelihood	**Heavy persistent snow** No Likelihood	**Storm force winds** No Likelihood
Gales No Likelihood	**Severe chill effect** Medium Likelihood	**Poor visibility** Medium Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
FOG	FOG	FOG	FOG	FOG	
Fog	Fog	Fog	Fog	Fog	Drizzle
Precipitation probability					
50%	30%	40%	30%	30%	30%

Forecast for Tuesday 12 Dec 2023

Weather: A band of rain will moves eastward across the park during the early hours of Tuesday morning, introducing a period of heavy rain and low cloud across the area. Low cloud persisting throughout the day but becoming largely dry for a time during the morning, before showers, possibly heavy with the risk of hail and thunder develop by late-afternoon and early evening, although low confidence for the detail. Low cloud and outbreaks of showery rain are likely to continue after dark, although the rain should be lighter in nature.

Chance of cloud-free hill tops above 600m: 10% throughout.

Low Cloud and visibility: Low cloud shrouding the hills throughout the day, potentially reaching down to lower levels at times. Visibility therefore expected to be poor or very poor in cloudy and wet conditions.

Check our weather forecast every day to get the most accurate and up to date information
https://www.metoffice.gov.uk/weather/specialist-forecasts/mountain
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Forecast for Tuesday 12 Dec 2023

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	12/19 E	6/11 E	8/11 E	9/15 NE	10/16 NE	12/19 NE	15/23 NE
300	10/22 E	7/13 E	7/12 E	8/16 NE	8/17 NE	9/19 NE	10/22 NE
Valley	11/26 E	8/18 E	8/14 E	8/15 NE	11/22 NE	12/24 NE	11/25 NE

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	2/-2	3/0	3/0	4/0	4/-0	4/-1	3/-2
300	4/1	4/2	6/3	5/3	5/2	5/2	5/2
Valley	5/2	6/3	7/5	7/5	6/3	6/3	6/3
Freezing Level*	1500m	1400m	1400m	1400m	1300m	1200m	1200m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

A murky day on the hills with low cloud and poor visibilities. Feeling cold with waterproofs required due to outbreaks of rain.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
03:00 on Tue 12 Dec 2023	1mm	18.2mm	52.2mm

Forecast for Wednesday 13 Dec 2023

Weather: Perhaps some patchy low cloud around first thing to start on Wednesday, with the risk of some wintry precipitation across the tops. This cloud soon moving away to give a largely clear day with plenty of bright spells and remaining dry. Feeling cold in brisk northerly winds at first, but winds easing into the afternoon. Widespread frost then developing into the evening.

Maximum wind: Northerly 15mph with gusts of 30mph at first, easing in the afternoon

Chance of cloud-free hill tops above 600m: 40% at first, increasing to 90% through the morning

Low Cloud and visibility: Poor visibilities in any patchy cloud shrouding the hills at first. Cloud soon lifting with visibilities becoming good or very good through the morning.

Temperature: **Valleys:** Plus 5 Celsius, falling to 1 Celsius in the evening.
At 600m: Plus 2 Celsius, falling to 0 Celsius in the evening
Freezing level: Above all summits, falling to 600m in the evening

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